Northwest Fisheries Science Center

Watershed Program Open House

January 24th and 25th, 2001
NWFSC Auditorium, 2725 Montlake Blvd East

8:30 **Welcome**
Usha Varanasi, Director, Northwest Fisheries Science Center
Phil Roni, Watershed Program Manager

Nutrients and Productivity (Peter Kiffney, Moderator)

8:45 Factors limiting productivity of PNW Streams – Peter Kiffney, John Richardson, Bob Edmonds, Phil Roni

9:00 Stable isotope ratio analysis: A tool for evaluating nutrient restoration in depleted salmon streams – Bill Reichert, Peter Kiffney, Phil Roni, Todd Bennett

9:15 Utilization of nutrients from spawning salmon by juvenile chinook salmon and steelhead in the Columbia and Snake River basins – Todd Bennett, Phil Roni, Bob Bilby

Juvenile Habitat (Tim Beechie, Moderator)

9:35 Floods and fish: Effects of peak flows on chinook salmon spawning success – George Pess, Eric Beamer, Ashley Steel

9:50 Relationships between beaver and coho salmon in the Pacific Northwest: Implications for the recovery of a threatened species – Michael Pollock, George Pess, Dave Montgomery

10:05 Habitat types and use by juvenile salmonids in a large Puget Sound river – Eric Beamer, Tim Beechie, Martin Liermann, Rich Henderson

10:20-10:45 BREAK

10:45 In-stream factors affecting juvenile chinook salmon migration – Ashley Steel, Eric Hockersmith, John Williams, Steve Neuhauser, Peter Guttorp

11:00 The influence of estuaries on anadromous salmonids: What we know, what we don't know, and what we want to know – Casey Rice, Blake Feist, Charles Simenstad, Michael Pollock

Models and Quantitative Tools (Blake Feist, Moderator)

11:15 Factors influencing juvenile coho salmon in coastal Oregon basins: An overview – Cara Campbell, Martin Liermann

11:30 Factors influencing juvenile coho salmon in coastal Oregon basins: A modeling approach – Martin Liermann, Cara Campbell

11:45 Using a large-scale landscape analysis to identify high priority areas for salmon habitat restoration (SWAM I) – Blake Feist, George Pess, Ashley Steel, Bob Bilby

12:00 Using a hierarchical statistical model to link salmonid abundance records to habitat characteristics (SWAM II) – Ashley Steel, Blake Feist, George Pess, Bob Bilby

12:15 – 1:30 LUNCH

Riparian and Upslope Habitat (Michael Pollock, Moderator)

1:30 Effects of management on riparian-stream linkages – Peter Kiffney, John Richardson, Bob Edmonds

1:45 Watershed-scale patterns of stream temperature change in a Puget Sound river basin – Tim Beechie, Brian Collins, Michael Pollock, George Pess

2:00 How riparian functions vary with buffer width in forested watersheds of the PNW – Michael Pollock

2:15 GIS-based prediction of sediment supply to stream channels in the North Cascades, Washington – Tim Beechie, Blake Feist

Restoration (George Pess, Moderator)

2:30 Responses of fishes and salamanders to in-stream restoration efforts in western Oregon and Washington – Phil Roni, Tom Quinn

2:45 Restoration of off-channel habitats for Pacific Salmon – Sarah Morley, Patsy Garcia, Phil Roni

3:00 Monitoring of large-river in-stream restoration projects – George Pess, Mike McHenry, Mike McHugh, Tim Beechie, Peter Kiffney, Roger Peters, Martin Liermann, Phil Roni

3:15 **Questions**

3:45 **Wrap-up** – Phil Roni